ABSTRACT OF DISCLOSURE

To provide a throttle valve control apparatus which simultaneously realizes quick response and stability even when the throttle valve gets stuck in its operation. The apparatus conducts control where a small control coefficient is used to emphasize the convergence stability when the deviation is large. In addition, the apparatus includes a coefficient limiting unit (14) which can gradually increase the control coefficients based on the predetermined permissible changes as the deviation decreases with the elapse of time. This enables the throttle valve control apparatus which simultaneously realizes the quick response and stability by using the controlled variable calculated from the gradually increased control coefficients to drive the throttle valve even when the throttle valve gets stuck, and its motion encounters an obstruction.